

09/609,918

8. An apparatus of delivering precise quantities of liquid samples in the range of 0.2 to 2.0 μ l, said apparatus comprising the following:

a cylinder of plastic material which has a uniform inside diameter of about 0.2 to 0.3 mm., the cylinder having a funnel shaped distal end;

a disposable pipette tip consisting of extruded tubing of teflon® or other hydrophobic material, the tubing having relatively uniform inside and outside diameters throughout its length, the inside portion of the tubing having a volume of about 0.2 to 2.0 μ l, the tubing having first and second ends; the first end of the tubing being connected with the funnel shaped distal end of the cylinder;

a piston slidable within the cylinder, the piston being in the form of a thin wire;

means for inserting the second end of the tubing into a liquid sample; and

means for moving the wire piston away from the sample about a 5 - 20 mm. stroke to produce a sample having a volume of from 0.2 to 2.0 μ l.

REMARKS

Examiner Cross is thanked for the courtesies which she extended to the undersigned attorney during an interview held on